

ROLINA BUILDING CODE	MARK DISOSWAY, PE
nents ASCE 7-10	signengineering@gmail.com
F: 00 5	
, Figure 26.5	163 SW Midtown Place, Ste 103
zard; IV, Essential/Critical	Lake City, Florida 32025
for 1200 ft. D no obstructions	386-754-5419
	000-704-0419
	NCPE26032
eestanding Signs	
=0.85. Gust <b>G</b> =0.85 rigid structure:	
*// *\/2	
t Nd V-ult	
In Segment ID OAH&I	
ament Ton Above Grade Ton ft 15	
	, 
gment Width, W, ft 5.	7
gment Height, H, ft 15.	
amont Aroa ft <sup>2</sup> adjusted for grade beight	
locity Pressure Exposure Coeff; K <sub>z</sub>	
locity Pressure, q <sub>h,ult</sub> , psf (per segment)	
rce Coefficient, Cr (per segment)	11/12/2020
	11/13/2020
na Pressure, P <sub>ult</sub> , pst = q <sub>h,ult</sub> *G*C <sub>f</sub>	This seal for structural engineering
nd Pressure, P <sub>asd</sub> , psf = P <sub>ult</sub> * 0.6	(Foundation & Support Column ONLY)
ament Shear Force F kins - D *Area	
ginent Shear Force, F seg, Kips = Past Aled seg	SCOPE OF WORK Design sign
gment Moment M <sub>seg</sub> kip*ft = F <sub>seg</sub> *Centroid <sub>seg</sub>	
= Sum (F <sub>sea</sub> )	support column and foundation to meet
$M = Sum(M_{\odot})$	structural requirements of building
vi – Sum(ivi <sub>seg</sub> )	code based on stated (not verified) site
where the second s	factors and size & shape based on sign
ection Shall conform to the following	installer's drawing attached
reinforced concrete, American weiding	installer s drawing, attached.
cation for Design, Fabrication, and Erection	
	By using this engineering the owner
Fig. 27 lost	by using this engineering the owner,
FY = 36  KSI.	manufacturer, and installer accept
ar: 46ksi.	responsibility to: Design, build, and
= 18 KSI at weld.	install sign cabinet, face, attachment,
	electrical etc according to sign code
n, not "L or J" bolts.	building code and LL Varify site
	building code, and OL. Verify site
de 40, 3" cover.	conditions match stated wind speed,
	risk, exposure, topo, and soil factors.
a far CAWI maaaaaaa	(9)
s for SAW processes.	
cube foundations.	
umptive soil bearing capacity (asd) from	258 ft
SIIT CL,ML,MH,CH), Lateral = 2"150 pst/ft for	Tony's Paint
and Lateral Sliding Coeff = 0.25 for Class 4	
ere is a question about soil bearing do a soil	- Andrew
	A Salara I a
7321	1 Advance Signs &
	Service. Inc.
r length and width of cube) 6	, <b>,</b>
= 0.5*A{1+[1+(4 36*Hcent/A)]^ 5}	
	JOB 201233
- 2.34 F/(SI D)	
l = 2*Ssoil*D/3	
I = 2*SsoiI*D/3 oil.ps//ft.for.Sand.(type.4)	PYLON SIGN
I = 2*Ssoil*D/3 oil psf/ft for Sand (type 4)	PYLON SIGN
l = 2*Ssoil*D/3 oil psf/ft for Sand (type 4) oe 4) = 2000	PYLON SIGN 1 Column, Centered,
I = 2*Ssoil*D/3 oil psf/ft for Sand (type 4) oe 4) = 2000	PYLON SIGN 1 Column, Centered, Embedded in Foundation
I = 2*Ssoil*D/3 oil ps//ft for Sand (type 4) pe 4) = 2000	PYLON SIGN 1 Column, Centered, Embedded in Foundation
I = 2*Ssoil*D/3 oil ps//ft for Sand (type 4) pe 4) = 2000 10.0 8.0	PYLON SIGN 1 Column, Centered, Embedded in Foundation
I = 2*Ssoil*D/3 oil ps//ft for Sand (type 4) oe 4) = 2000 10.0 8.0 6.0	PYLON SIGN 1 Column, Centered, Embedded in Foundation Tony's Paint & Body
I = 2*Ssoil*D/3 oil psf/ft for Sand (type 4) oe 4) = 2000 10.0 8.0 6.0 00pcf*(D-1)) 2925	PYLON SIGN 1 Column, Centered, Embedded in Foundation Tony's Paint & Body
I = 2*SsoiI*D/3 oil psf/ft for Sand (type 4) oe 4) = 2000 10.0 8.0 6.0 00pcf*(D-1)) 2925 72.0	PYLON SIGN 1 Column, Centered, Embedded in Foundation Tony's Paint & Body 1487 NC-55
I = 2*Ssoil*D/3 oil psf/ft for Sand (type 4) oe 4) = 2000 10.0 8.0 6.0 00pcf*(D-1)) 2925 72.0	PYLON SIGN 1 Column, Centered, Embedded in Foundation Tony's Paint & Body 1487 NC-55
I = 2*Ssoil*D/3 oil psf/ft for Sand (type 4) oe 4) = 2000 10.0 8.0 6.0 00pcf*(D-1)) 2925 72.0 6.2 https://hei	PYLON SIGN 1 Column, Centered, Embedded in Foundation Tony's Paint & Body 1487 NC-55 Coats, NC 27521
I = 2*Ssoil*D/3 oil ps/ft for Sand (type 4) oe 4) = 2000 10.0 8.0 6.0 00pcf*(D-1)) 2225 72.0 6.2 https://www.action.com/ 2.9	PYLON SIGN 1 Column, Centered, Embedded in Foundation Tony's Paint & Body 1487 NC-55 Coats, NC 27521
I = 2*Ssoil*D/3 oil ps/ft for Sand (type 4) oe 4) = 2000 10.0 8.0 6.0 00pcf*(D-1)) 2925 72.0 6.2 https://www. 29	PYLON SIGN 1 Column, Centered, Embedded in Foundation Tony's Paint & Body 1487 NC-55 Coats, NC 27521
I = 2*Ssoil*D/3 oil ps/ft for Sand (type 4) oe 4) = 2000 10.0 8.0 6.0 00pcf*(D-1)) 2925 72.0 6.2 https://hu 2.9 iety 141.5 20.1	PYLON SIGN 1 Column, Centered, Embedded in Foundation Tony's Paint & Body 1487 NC-55 Coats, NC 27521 Valid for one sign at this location.